

Technical Bulletin

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Subject: **TROUBLESHOOTING BRAKE PROBLEMS - TREADLE/PEDAL TIPS**

Dissatisfaction with brake treadle performance - such as “sticky” pedal operation, noise or uneven pedal “feel” can often result when regular maintenance items are overlooked.

Bendix Commercial Vehicle Systems LLC recommends a 3-month, 25,000-mile or 900 operating hours maintenance schedule for the components found in the treadle mechanism.

Inspect the treadle, or pedal arm in the case of engine compartment bulkhead-mounted models and the rest of the components shown in Figure 1. Early signs of wear, such as: boot deterioration, plunger wear, or uneven wear (“egg-shaping”) in the plunger bore, are warning signs. Refer to the valve’s Service Data Sheet for repair instructions if needed, replace components as necessary. Coat the sides of the plunger and its bore liberally with barium grease before reassembling. Light oil may be used elsewhere for lubrication.

Benefits include extended part life, and better performance.

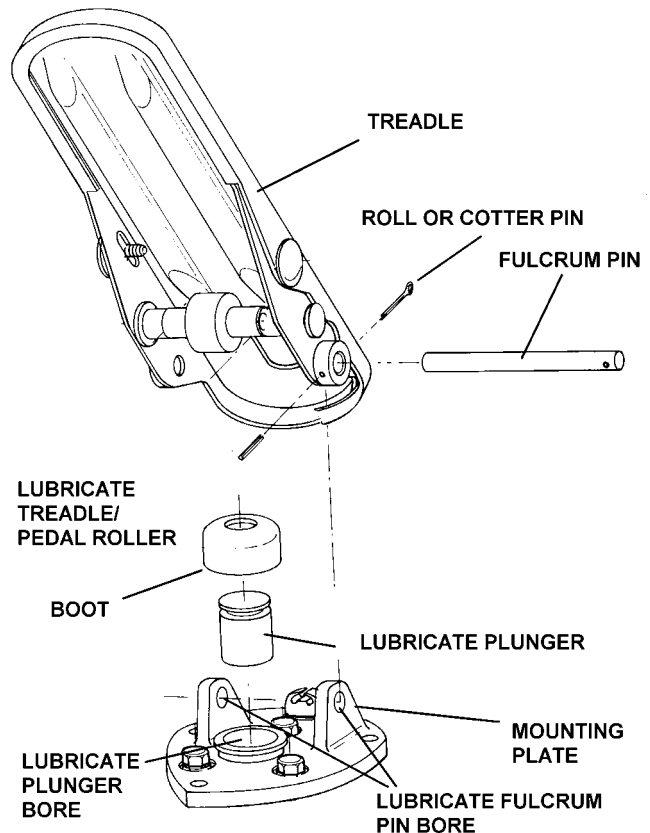


Figure 1: Floor-Mounted Dual Brake Valve Treadle Assembly